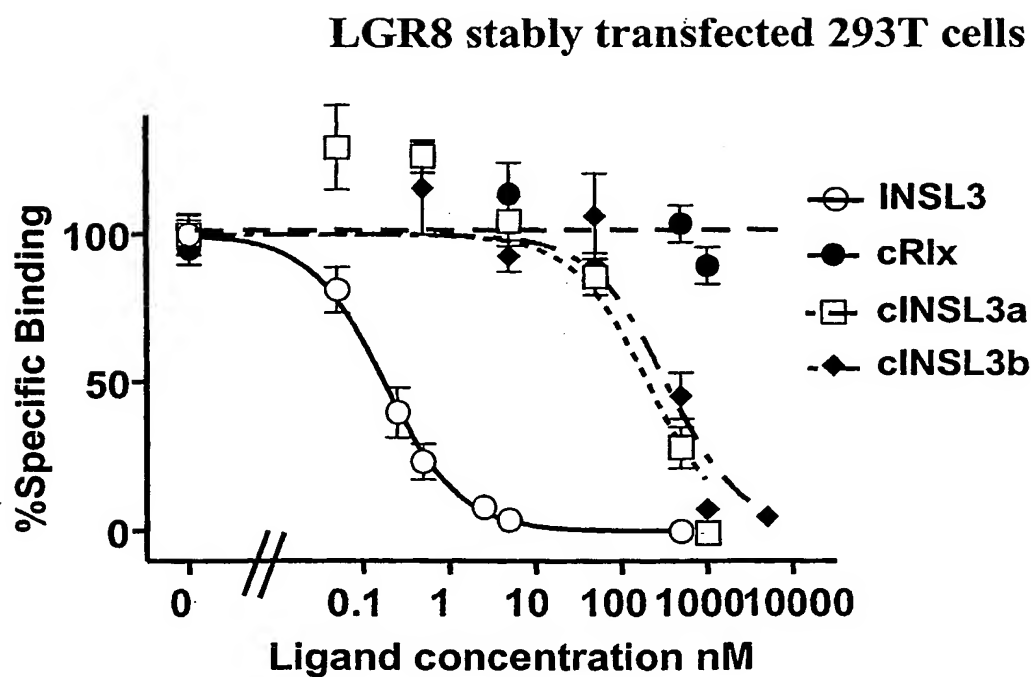


Figure 1



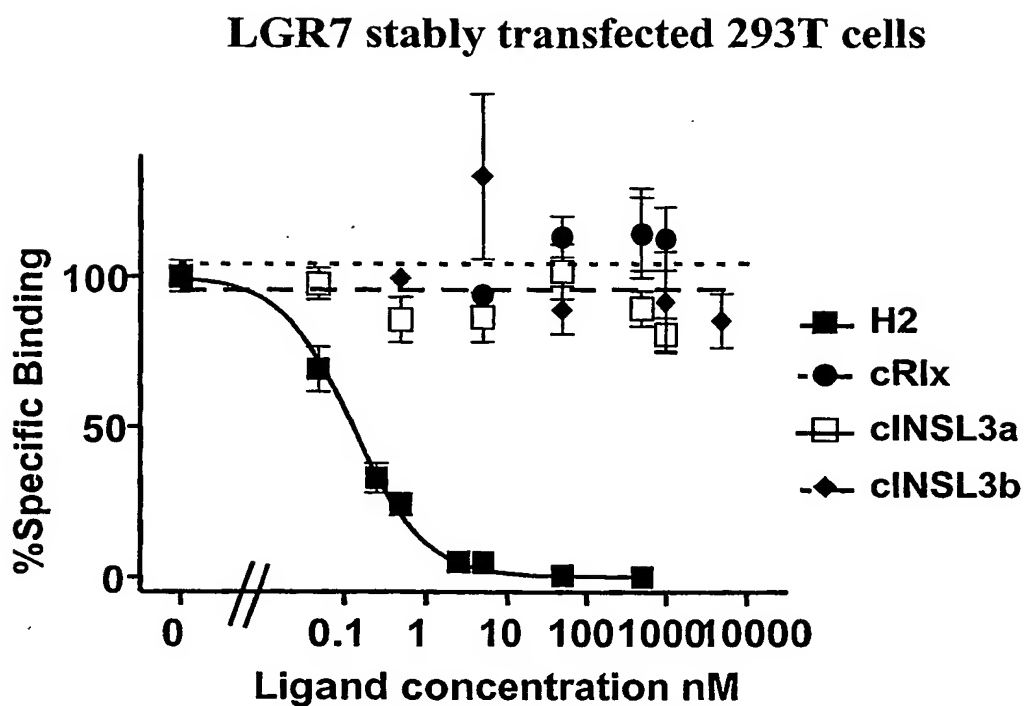
LGR8 pEC₅₀(n=3 to 4)

GB- 0

GBII - -6.79 ± 0.27

GBIII - -6.26 ± 0.23 } ns

Figure 2



LGR7 pEC₅₀ (n=3 to 4)

H2 -10.04±0.37

cRIx -0

cINSLaII - 0

cISNLb - 0

Sequences of relaxin superfamily B-chain peptide analogues

relaxin	DSWMEEVIKLCGRELVRAQIAICGMSTWS
INSL3 B-chain	PTPEMREKLCGHHFVRALVRVCGGPRWSTEA
cRlx	<div>SCMEEVIKLCGRELVRAQIAISGCS</div>
cINSL3a	<div>TPCMREKLSGHHFVRALVRVSGGPCWS</div>
cINSL3b	<div>TPCMREKLSGRHFVRALVRVSGGPCWS</div>

Figure 3

Antagonism of INSL3 at LGR8 by cINSL3a

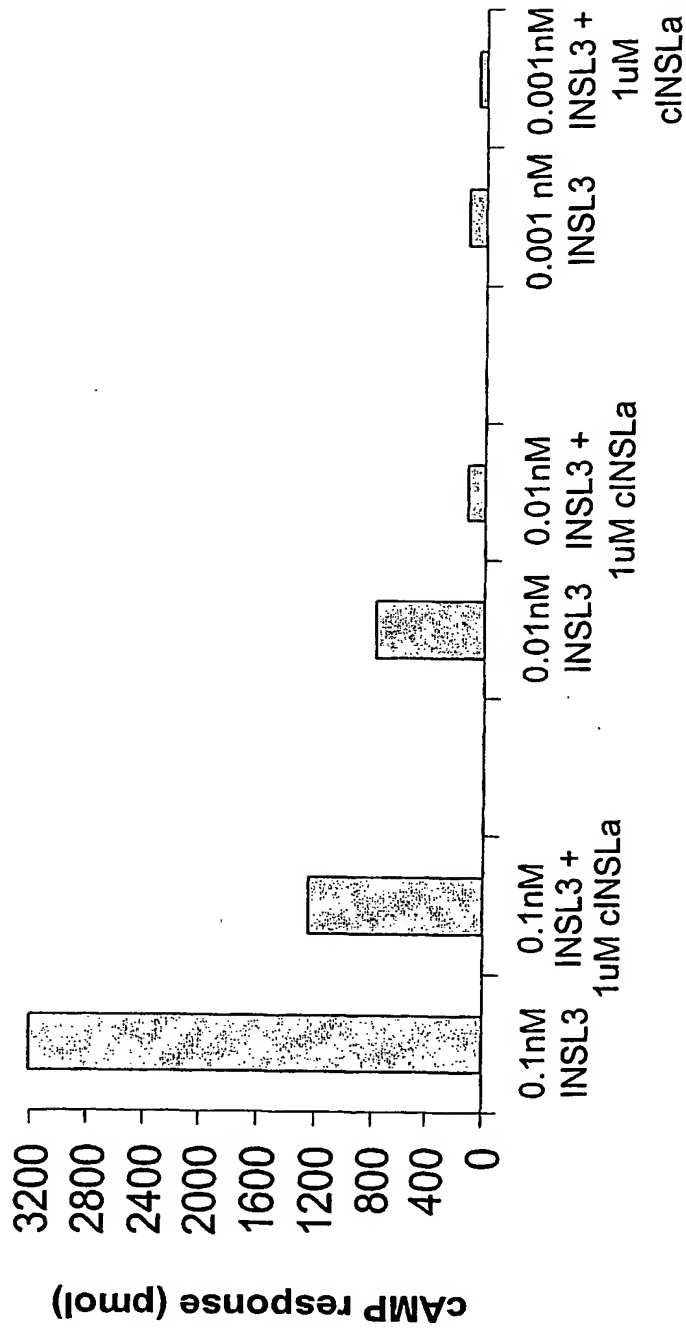
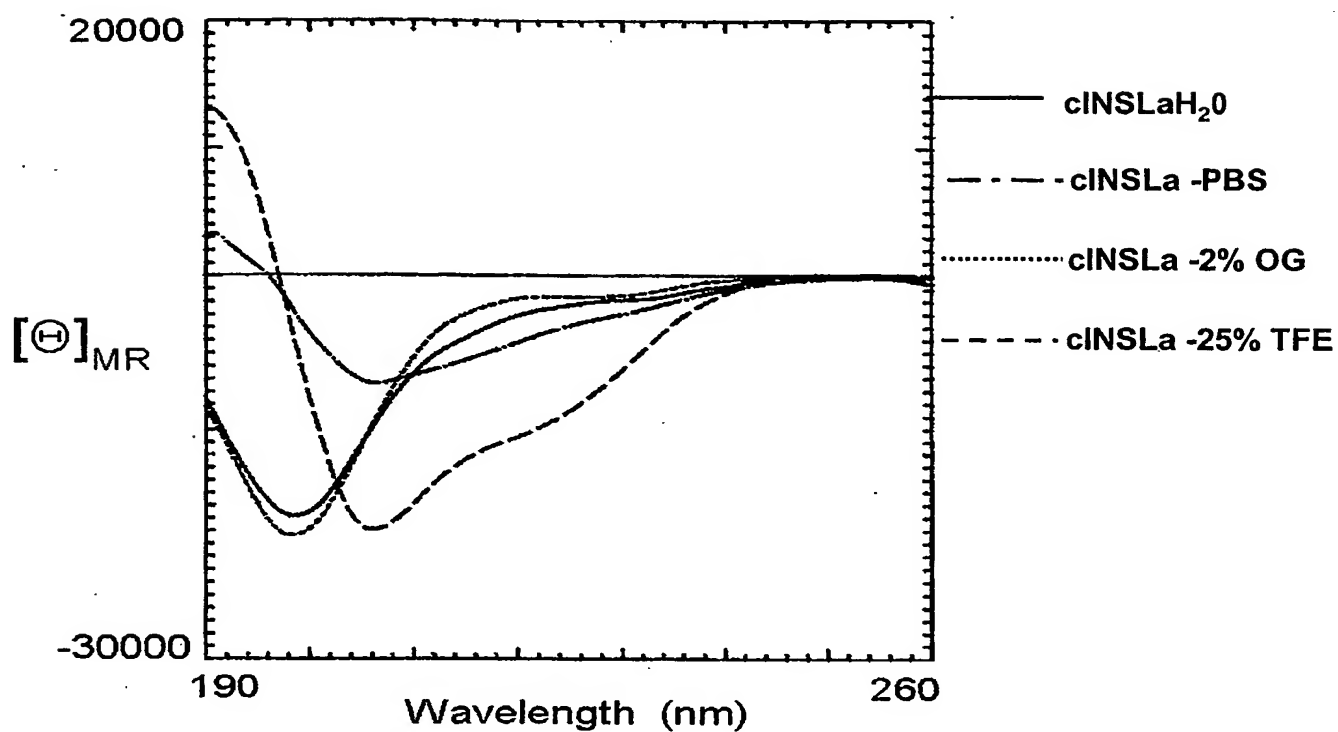


Figure 4

Figure 5

CD spectra of cINSLa in various solvents



- 1 -

TABLE 1

SEQ ID NO:	RELAXIN SUPERFAMILY B-CHAIN PEPTIDE/ANALOGUE
1	relaxin-1 b-chain
2	relaxin-2 b-chain
3	relaxin 3 b-chain
4	insulin b-chain
5	IGF-I b-chain
6	IGF-2 b-chain
7	INSL3 b-chain
8	INSL4 b-chain
9	INSL5 b-chain
10	INSL6 b-chain
11	cyclic relaxin b-chain mimetic
12	INSL3 b-chain based peptide analogue 4
13	INSL3 b-chain based peptide analogue 5
14	INSL3 b-chain based peptide analogue 6
15	INSL3 b-chain based peptide analogue 7
16	relaxin-1 a-chain
17	relaxin-2 a-chain
18	relaxin-3 a-chain
19	insulin a-chain
20	IGF-1 a-chain
21	IGF2 a-chain
22	INSL3 a-chain (Ley I-L/RLF)
23	INSL4 a-chain (placental/EPIL)
24	INSL5 a-chain
25	INSL6 a-chain

BEST AVAILABLE COPY